

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021424AL\
 Data File : FF014036.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 13:12
 Operator : YP\AJ
 Sample : P1187-03
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 00:30:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.853	667307	4.587 ug/ml
Spiked Amount 50.000		Recovery =	9.17%
12) S 1-chlorooctadecane (S...	13.297	3902589	36.163 ug/ml
Spiked Amount 50.000		Recovery =	72.33%
Target Compounds			
1) T n-Nonane (C9)	3.257	174147	1.406 ug/ml
2) T n-Decane (C10)	4.505	215409	1.704 ug/ml
4) T n-Dodecane (C12)	6.667	332145	2.596 ug/ml
6) T n-Tetradecane (C14)	8.492	269988	2.131 ug/ml
7) T n-Hexadecane (C16)	10.099	273333	2.067 ug/ml
8) T n-Octadecane (C18)	11.541	320907	2.357 ug/ml
10) T n-Eicosane (C20)	12.851	351294	2.654 ug/ml
11) T n-Heneicosane (C21)	13.463	337191	2.581 ug/ml
13) T n-Docosane (C22)	14.050	364799	2.813 ug/ml
14) T n-Tetracosane (C24)	15.154	480827	3.745 ug/ml
15) T n-Hexacosane (C26)	16.176	415300	3.340 ug/ml
16) T n-Octacosane (C28)	17.126	438285	3.681 ug/ml
17) T n-Tricontane (C30)	18.016	485631	4.132 ug/ml
18) T n-Dotriacontane (C32)	18.849	479670	4.237 ug/ml
19) T n-Tetratriacontane (C34)	19.634	393861	3.673 ug/ml
20) T n-Hexatriacontane (C36)	20.372	353135	3.509 ug/ml
21) T n-Octatriacontane (C38)	21.100	370915	3.565 ug/ml
22) T n-Tetracontane (C40)	21.989	395145	3.926 ug/ml

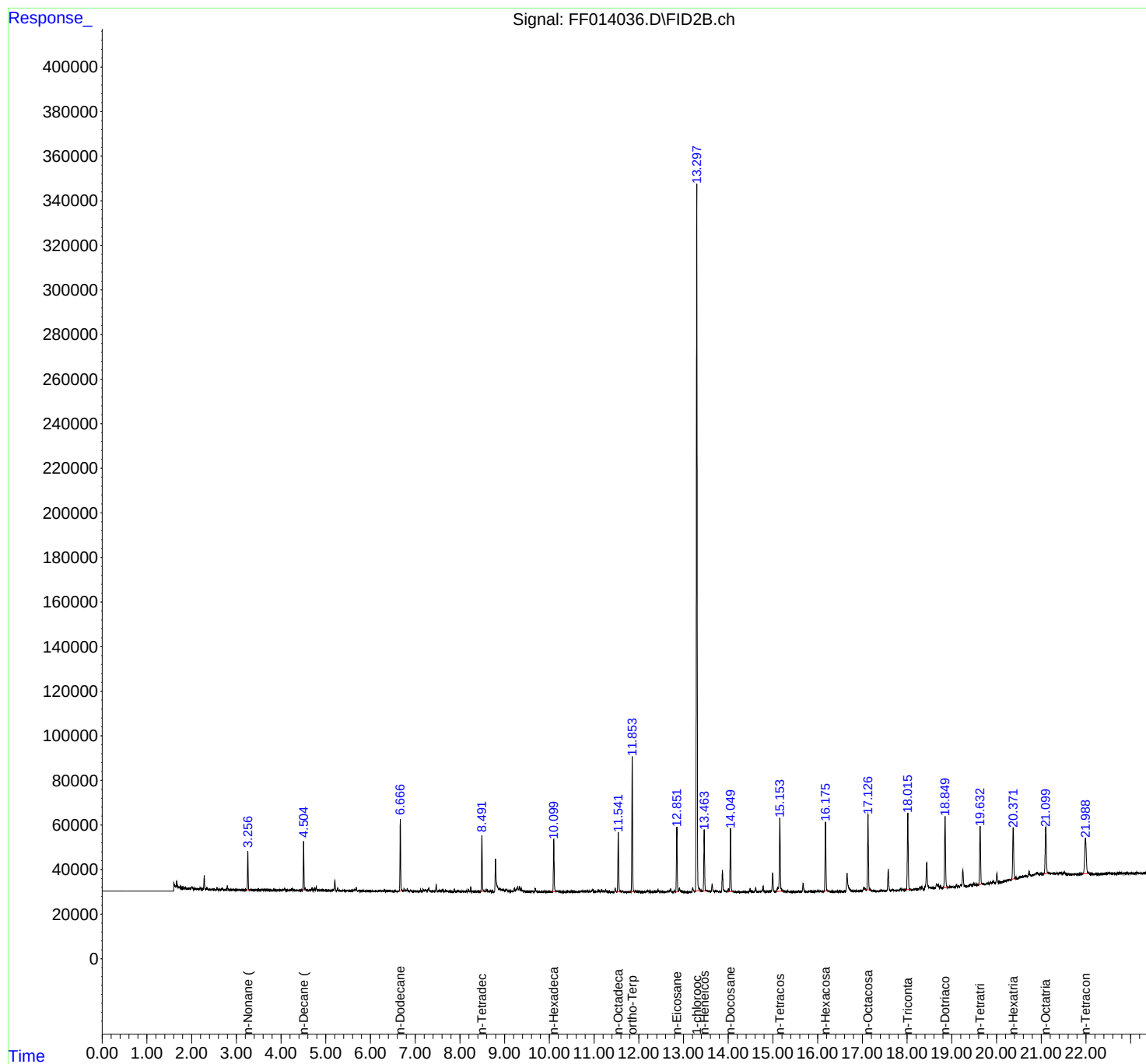
(f)=RT Delta > 1/2 Window

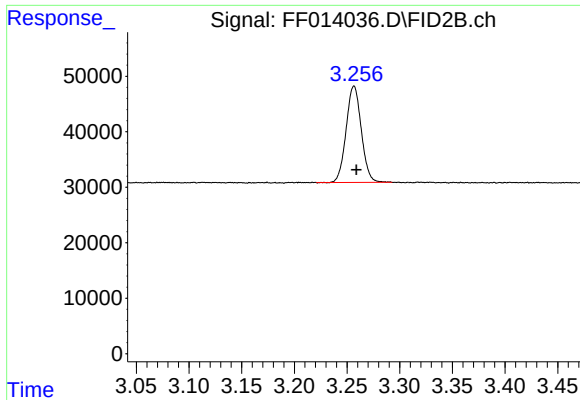
(m)=manual int.

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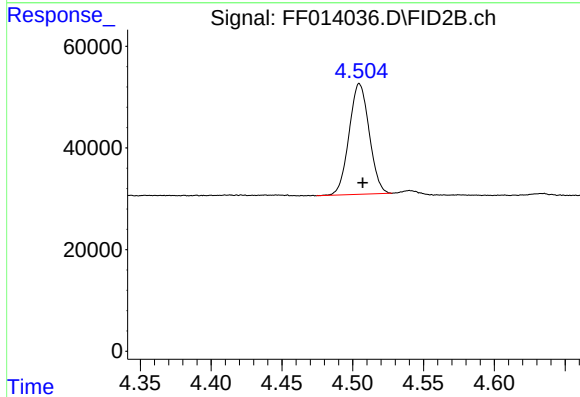
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Signal Info : 20M x 0.18mm x 0.18um





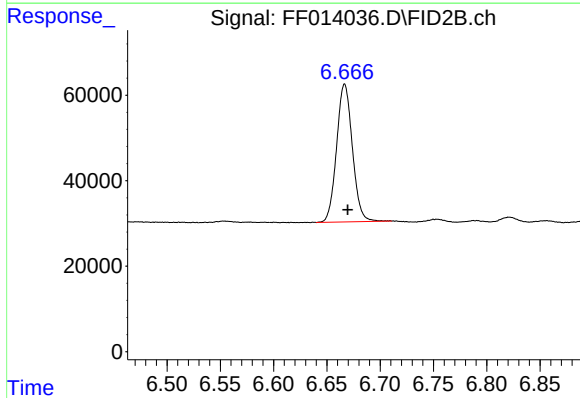
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.002 min
Response: 174147
Conc: 1.41 ug/ml



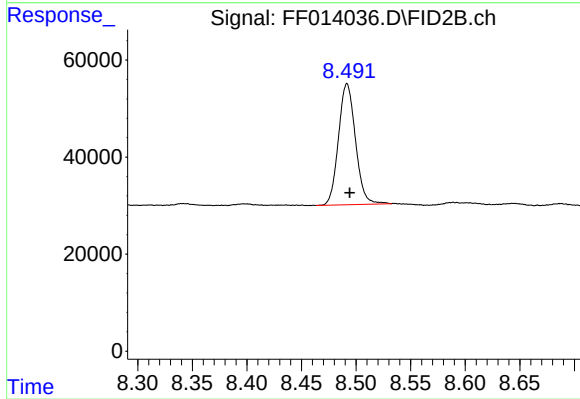
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 215409
Conc: 1.70 ug/ml



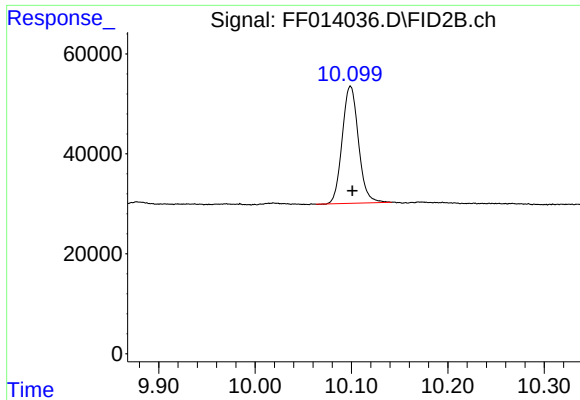
#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 332145
Conc: 2.60 ug/ml



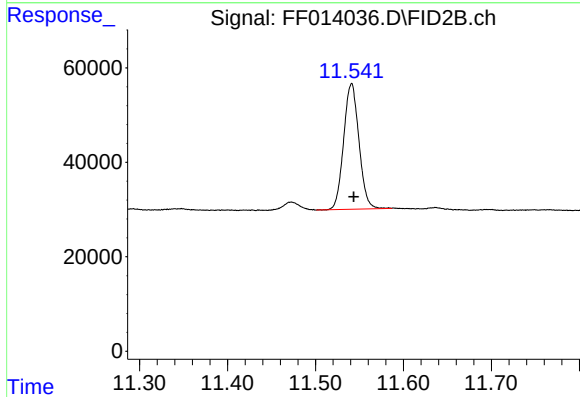
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 269988
Conc: 2.13 ug/ml



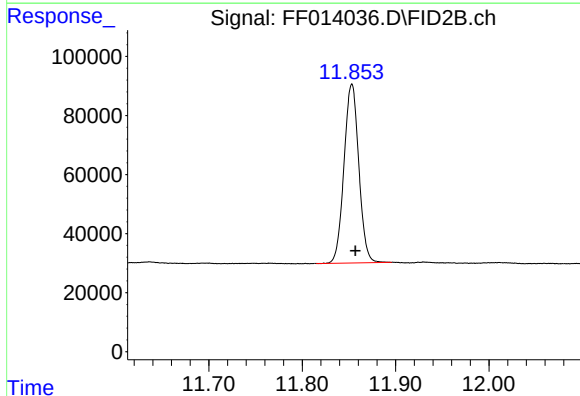
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.002 min
Response: 273333
Conc: 2.07 ug/ml



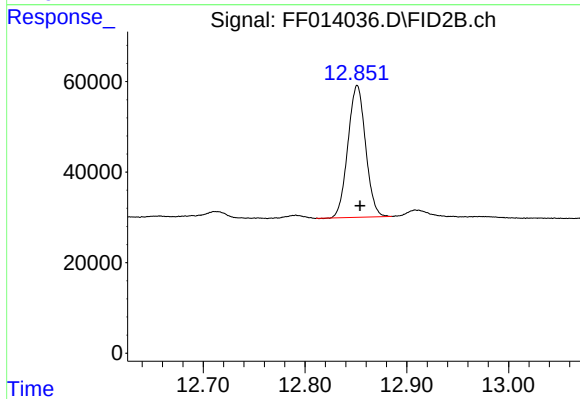
#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 320907
Conc: 2.36 ug/ml



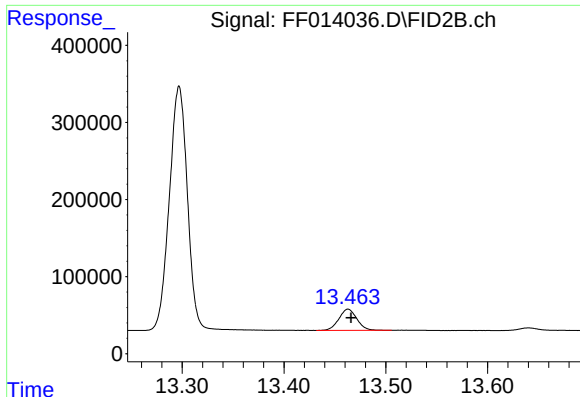
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: -0.004 min
Response: 667307
Conc: 4.59 ug/ml



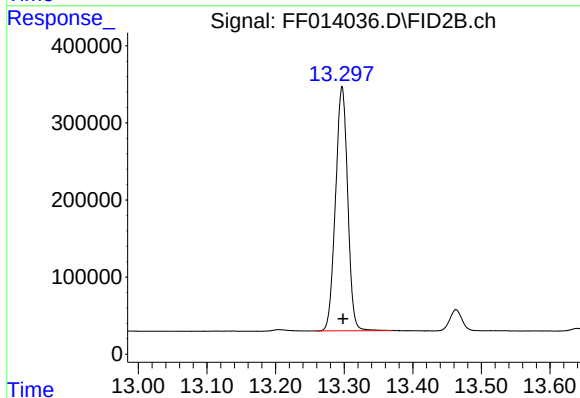
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.003 min
Response: 351294
Conc: 2.65 ug/ml



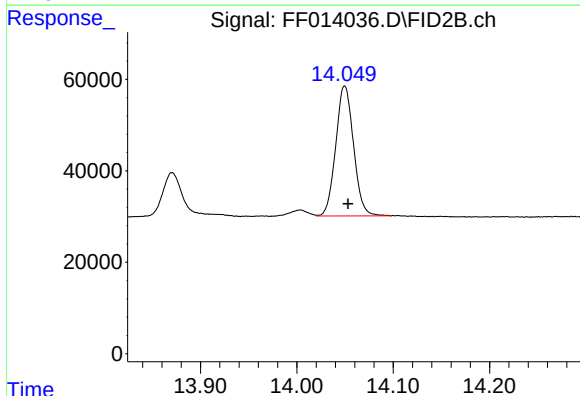
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.003 min
Response: 337191
Conc: 2.58 ug/ml



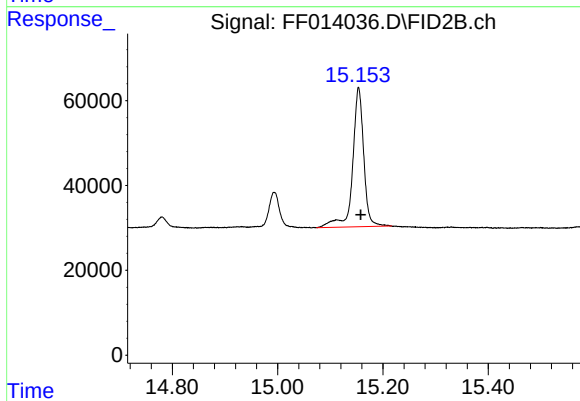
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.001 min
Response: 3902589
Conc: 36.16 ug/ml



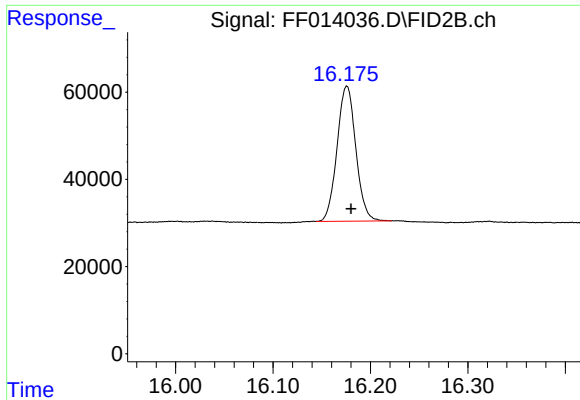
#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: -0.003 min
Response: 364799
Conc: 2.81 ug/ml



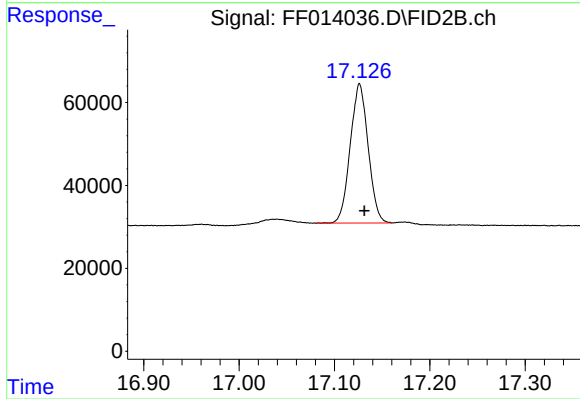
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.004 min
Response: 480827
Conc: 3.74 ug/ml



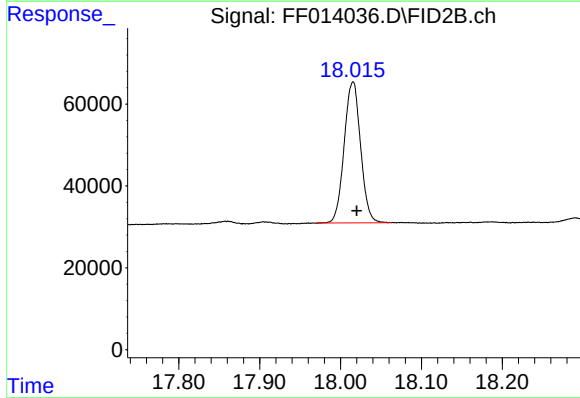
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.004 min
Response: 415300
Conc: 3.34 ug/ml



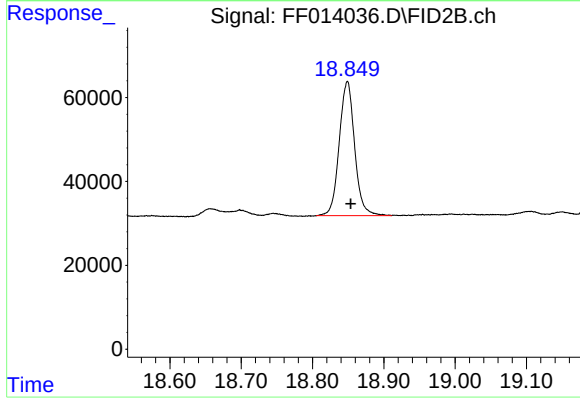
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.005 min
Response: 438285
Conc: 3.68 ug/ml



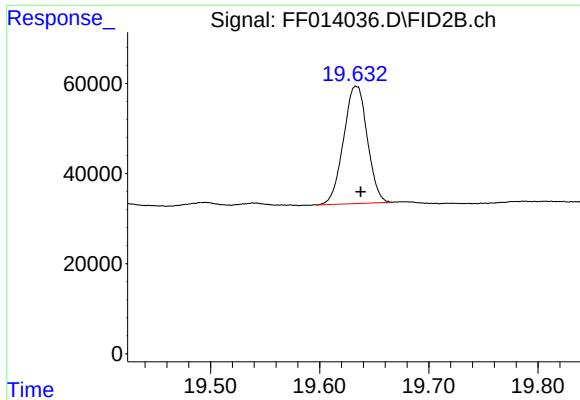
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.004 min
Response: 485631
Conc: 4.13 ug/ml



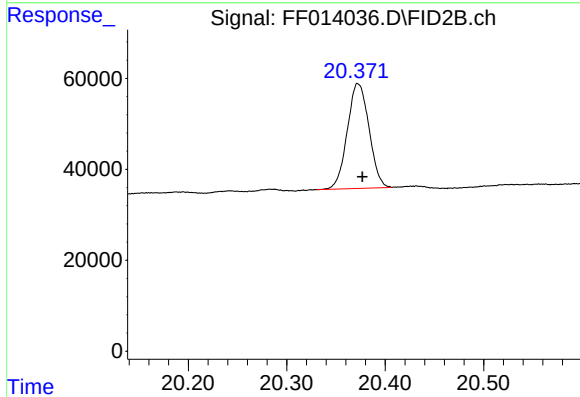
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.005 min
Response: 479670
Conc: 4.24 ug/ml



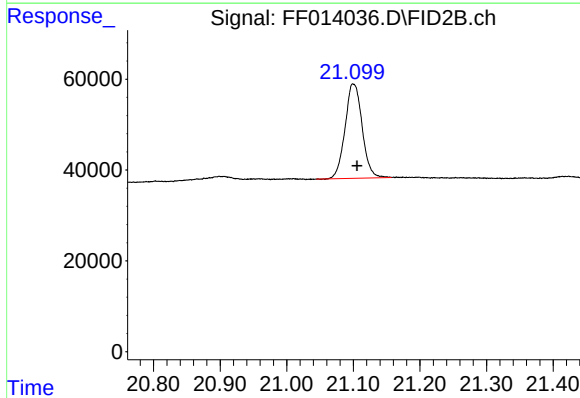
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.004 min
Response: 393861
Conc: 3.67 ug/ml



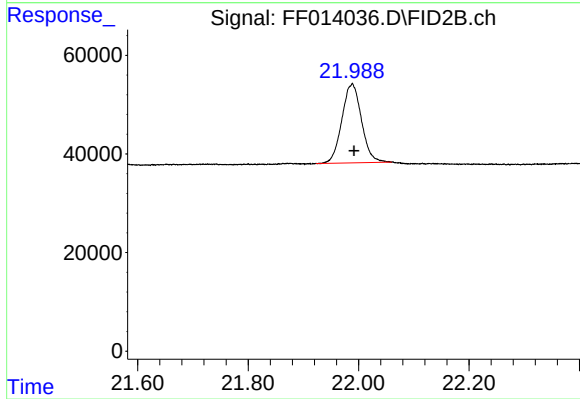
#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.005 min
Response: 353135
Conc: 3.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.006 min
Response: 370915
Conc: 3.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.003 min
Response: 395145
Conc: 3.93 ug/ml